

APPENDIX A

Redacted

W.D. [unclear]
[unclear] [unclear]

Network Analysis

OBJECTS INVOLVED

- TEMPLATES - S + D
- MAPS
- FILTERS
- EQUATIONS
- BUS RULES
- SCHEDULES
- SOURCE OF RECORD

which does
it mean

AND

EXTERNAL APPS

(How? --)

- USE HAVE Registered
overseas for apps
- Use know experts
Solomon \Rightarrow could
pull in same software

Good enough ?? -

Ways cost control

BY THIS TIME - CHANCE

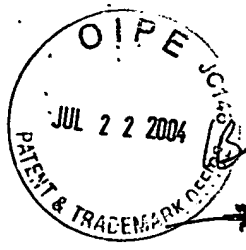
HAS HAPPENED OUTSIDE

OF US

"FIRE-FLIGHT MODE"

BETTER FIRM
NOTHING





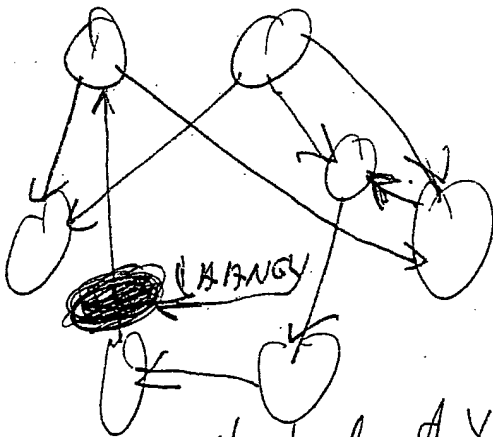
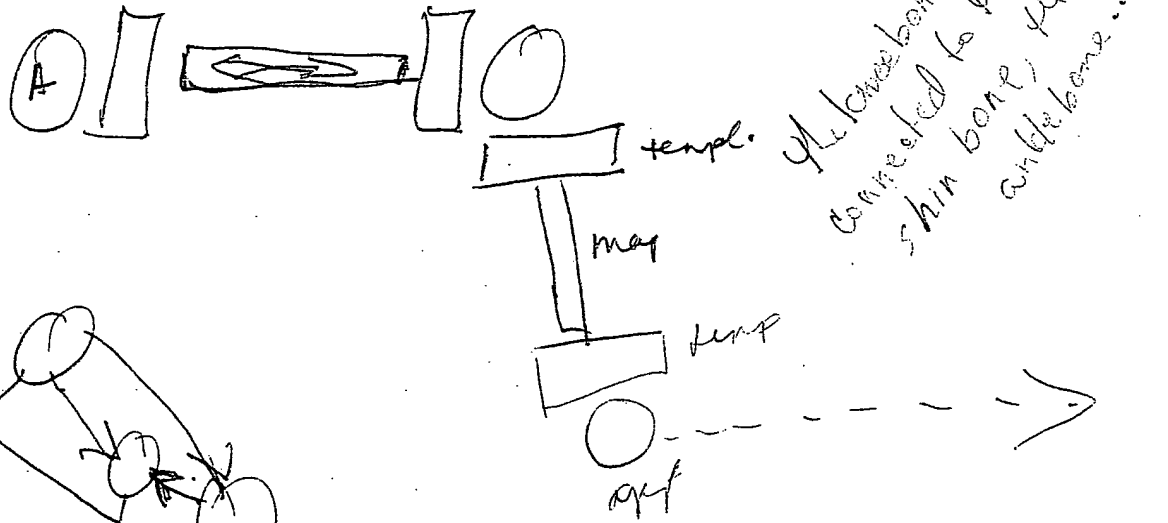
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(Bus Value)

Picture IT dept with lots of people w/ly interfere...
could have disastrous implications "downstream."
⇒ Can't leave it to humans to ~~SOLVE THIS~~ FOLLOW THROUGH
TO ANALYZE POTENTIAL IMPACT...

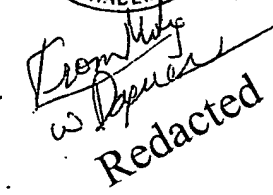
[GOOD CANDIDATE FOR BPR]
NO, MAYBE NOT, - NEED BETTER ACCESS
TO INFO AND BETTER CONTROL POINTS.

Consider our view through



WITH OUR GUI, we have
visibility to changes

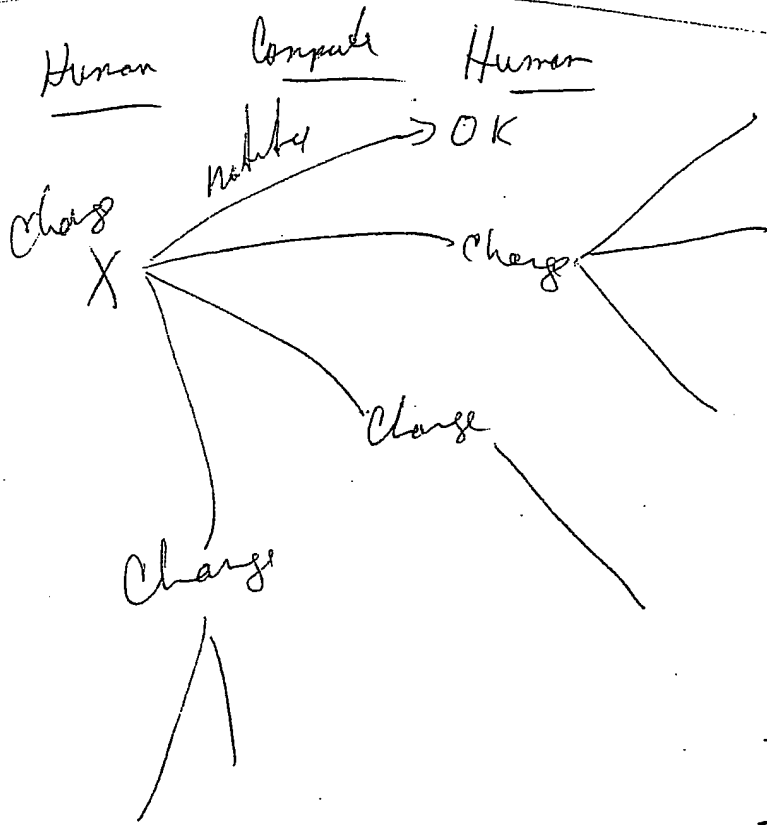
If you think about the
full complex interconnectivity,
one change could cause a
horrible domino effect →
845 items crash, or BAD DATA ⇒ BAD DECISIONS.



Charge ~~Work by~~ Charge ✓ holiday OK ✓

OK OK ✓

100% Reunione



Needs to
be simplified
via Recursion
 \Rightarrow straight forward

- identity change
- check for visibility of impacted objects
- ~~flag these objects~~
(or notify owner)
- owner checks and makes changes [recursive]
- or OK's with ^{it} [end point for roll back]



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So if you change, say, a field name in a template, that could mess up ~~by~~ someone else if the template is being used somewhere else also. And the Map that is connected -

[Maybe the map ~~for~~ not all maps connected] would use that field. -

User view:

I built a template & a map that used that template, and it is in production, and I ~~test~~ ~~data~~ every day. I pull up the template & make the changes (eg field name). It should let me save it unless everything is

OK.

⇒ Need to traverse the network of connectivity to see if there's anything affected
NO - proceed

YES → → → Can we fix what's impacted
We could notify owner, at least.

First Thoughts of the New Year

Redacted

Consider the aspect that we have visibility through the GVI. Since everything is built & managed through a GVI, we have visibility to all data that is moved through the environment, who conceives what through, when it moves, whether it successfully moves, whether it is correct data or not, who changes what, etc.

So we Need GREAT MONITORING CONSOLIDS...

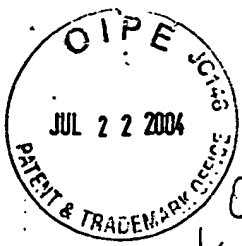
WHAT BUSINESS VALUE DOES this bring?
A view of all data used more than once
? So?

People interactions with ~~Every~~ aspect...
⇒ security / audit trails

~ So?
Successful data movement/errors along the way. (as opposed to data cleanliness & correctness of the data) - remember we are dealing with metadata. Everything else is ephemeral

People changing things in system
⇒ People make mistakes - can we prevent
→ // That? What about even knowing what a change will do to other things





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What about GUI for 11?

We can email them (part of user info
in security section)
Need to know what I own that
could be impacted.

How do I know if I have to
do anything?

What if I don't do anything?
[we need override & some
super administrator]

What info could we give?

- What changed
- Who owns it [their phone/email will
- what object be registered in user
of mine ~~is~~ list]

is in question

Probably want some kind of dash board
that shows the whole network
and what ~~has~~ is involved.

What level of detail can we show?

Need to make sure we don't ~~just~~ ⁴ just
present anything that touches
on the network --



We know the metadata down to a pretty detailed level, so we could ACTUALLY give

- OBJECT (version #)
- TABLE, FIELD, ATTRIB.
- WHAT IT WAS, WHAT IT CHANGED?

If we have a GUI representation, could see the whole network of connections + drill down to highlighted objects to see ownership + detail.

Let's try a couple of prototypes -
TAMMA / DAQUER
when we can get to it